

We claim:

1. A mixture comprising
5 (i) at least one isocyanate and
(ii) at least one organic and/or inorganic acid anhydride.

10 2. A mixture as claimed in claim 1 in which (ii) is present in an amount of from 0.01 to 20% by weight, based on the weight of the mixture.

15 3. A mixture as claimed in claim 1, wherein (ii) comprises anhydrides based on: pyromellitic acid, citraconic acid, itaconic acid, phthalic, isophthalic and/or terephthalic acid, benzoic acid, phenylacetic acid, cyclohexylalkanoic acid, malonic acid, adducts of maleic acid with styrene and/or of maleic acid and alkynes, succinic acid, maleic acid, polymaleic acid, glutaric acid and/or copolymers of the above-mentioned unsaturated acids with comonomers which are copolymerizable with these acids.

20 4. A process for producing polyisocyanate polyaddition products by reacting isocyanates with compounds which are reactive toward isocyanates in the presence or absence of catalysts, blowing agents, additives and/or auxiliaries, wherein the reaction is carried out in the presence of (ii) at least one organic or inorganic acid anhydride.

25 5. A process for producing foamed polyisocyanate polyaddition products or polyurethane elastomers by reacting isocyanates with compounds which are reactive toward isocyanates in the presence of catalysts, blowing agents, additives and/or auxiliaries, wherein the reaction is carried out in the presence of (ii) at least one organic or inorganic acid anhydride.

30 6. A process as claimed in claim 4 or 5, wherein the acid anhydrides (ii) are used in an amount of from 0.01 to 20% by weight, based on the total weight of the acid anhydrides and the isocyanates used.

35 7. A process as claimed in claim 4 or 5, wherein a mixture as claimed in any of claims 1 to 3 is used.

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8. A polyisocyanate polyaddition product obtainable by a process as claimed in claim 4 or 5.

5 9. The use of acid anhydrides in polyisocyanate polyaddition products for stabilizing the polyisocyanate polyaddition products, in particular polyurethanes, against cleavage of the urethane and/or urea bond.

10 10. The use of acid anhydrides in polyisocyanate polyaddition products for reacting with amino groups in the polyisocyanate polyaddition products.

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add C27

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wrong set
of claims -
Applicant claimed
PCT made mistakes
& hadn't put in
correct set of claims

RG

Mixture comprising isocyanates and organic and/or inorganic acid anhydrides

5 Abstract

The mixture comprises

(i) at least one isocyanate and

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(ii) at least one organic and/or inorganic acid anhydride.

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